

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Patent No.: 7,470,124
Application No.: 10/821,442
Issue Date: 12/30/2008
Inventor: Eric Bornstein

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1, column 17, lines 26-28 currently read as follows:

“(h) said control being configured and arranged for energizing said laser oscillator for disperation of said radiation at an energy density and for a period of time sufficent to”

Please correct Claim 1, column 17, lines 26-28 to read as follows:

--(h) said control being configured and arranged for energizing said laser oscillator for dispersion of said radiation at an energy density and for a period of time sufficient to –

Claim 2, column 17, lines 31-33 currently read as follows:

“The system of claim 1, wherein said period of time is sufficent to destroy pathogenic microorganisms in said root canal.”

Please correct Claim 2, column 17, lines 31-33 to read as follows:

-- The system of claim 1, wherein said period of time is sufficient to destroy pathogenic microorganisms in said root canal. --

Claim 6, column 17, lines 57 and 58 currently read as follows:

“destroy remnants of said bacteria and adjacent to said root canal; and”

Please correct Claim 6, column 17, lines 57 and 58 to read as follows:

-- destroy remnants of said bacteria and in and adjacent to said root canal; and –

Claim 7, column 17, lines 60-62 currently read as follows:

"The process of claim 6, wherein said optical probe is composed of a member of the class consisting of sapphire and zirconium."

Please correct Claim 7, column 17, lines 60-62 to read as follows:

-- The process of claim 6, wherein said optical probe is composed of a member of the class consisting of sapphire and zirconium. --

Claim 11, column 18, lines 6-8 currently read as follows:

"The process of claim 6, wherein said laser oscillator generates radiation at dual wavelengths including 780 nm and 930 nm, respectively."

Please correct Claim 11, column 18, lines 6-8 to read as follows:

-- The process of claim 6, wherein said laser oscillator generates radiation at dual wavelengths including 870 nm and 930 nm, respectively. --

Claim 12, column 18, lines 20-22 currently read as follows:

"(e) said transmission being of sufficient energy density and sufficient time duration to destroy remnants of said bacteria and biofilm in and adjacent to said root canal; and"

Please correct Claim 12, column 18, lines 20-22 to read as follows:

-- (e) said transmission being of sufficient energy density and sufficient time duration to destroy remnants of said bacteria and biofilm in and adjacent to said root canal; and --

Claim 12, column 18, lines 26-29 currently read as follows:

"(h) said optical probe having an optically diffusive surface dispersing optical energy throughout 360° laterally of said optical probe and along substantially the entire length of said optical probe;"

Please correct Claim 12, column 18, lines 26-29 to read as follows:

-- (h) said optical probe having an optically diffusive surface dispersing optical energy throughout 360° laterally of said optical probe and along substantially the entire length of said optical probe; --

Claim 12, column 18, lines 35-37 currently read as follows:

"(k) said laser oscillator being configured and arranged for generating radiation in two near infrared wavelengths including about 870 nm and 930 nm, respectively."

Please correct Claim 12, column 18, lines 35-37 to read as follows:

-- (k) said laser oscillator being configured and arranged for generating radiation in two near infrared wavelengths including about 870 nm and 930 nm, respectively. --

Claim 24, column 19, lines 27-29 currently read as follows:

"The system of claim 23, wherein said period of time is sufficient to destroy pathogenic microorganisms in said root canal."

Please correct Claim 24, column 19, lines 27-29 to read as follows:

-- The system of claim 23, wherein said period of time is sufficient to destroy pathogenic microorganisms in said root canal. --

Claim 28, column 20, lines 18-21 currently read as follows:

"(e) said transmission being of sufficient energy density and sufficient time duration to produce a desired photodamage effect in said biofilm and destroy remnants of said bacteria in and adjacent to said root canal."

Please correct Claim 28, column 20, lines 18-21 to read as follows:

-- (e) said transmission being of sufficient energy density and sufficient time duration to produce a desired photodamage effect in said biofilm and destroy remnants of said bacteria in and adjacent to said root canal --

Claim 30, column 20, lines 26-29 currently read as follows:

"The process of claim 28, wherein said optical probe has an optical diffusive surface dispersing optical energy throughout 360° laterally of said optical probe and along the entire length of said optical probe."

Please correct Claim 30, column 20, lines 26-29 to read as follows:

-- The process of claim 28, wherein said optical probe has an optically diffusive surface dispersing optical energy throughout 360° laterally of said optical probe and along the entire length of said optical probe. --

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